

ISU Algebra Seminar



Date: September 12th, 2019

Time: 1:00pm-1:50pm

Location: STV 347B

Speaker: Sunil Chebolu

Department of Mathematics, ISU

Talk Title: The Grothendieck group of a triangulated category.

Abstract: An important invariant attached to an essentially small triangulated category is its Grothendieck group. In this talk, I will introduce this group, give some examples, and show how its subgroups can be used to classify all of its triangulated subcategories. I will also discuss some open problems. The relevant paper is <https://arxiv.org/abs/math/0508101>